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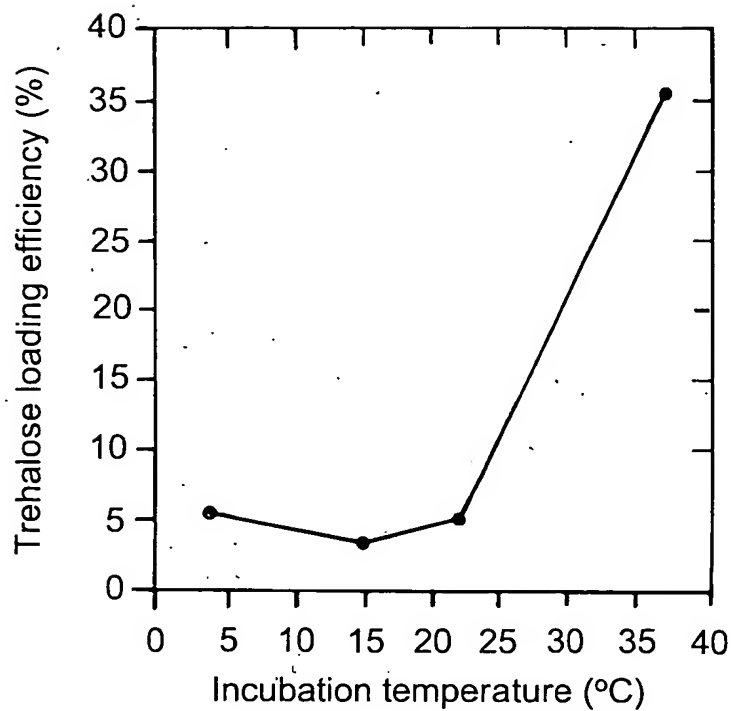


FIG. 1

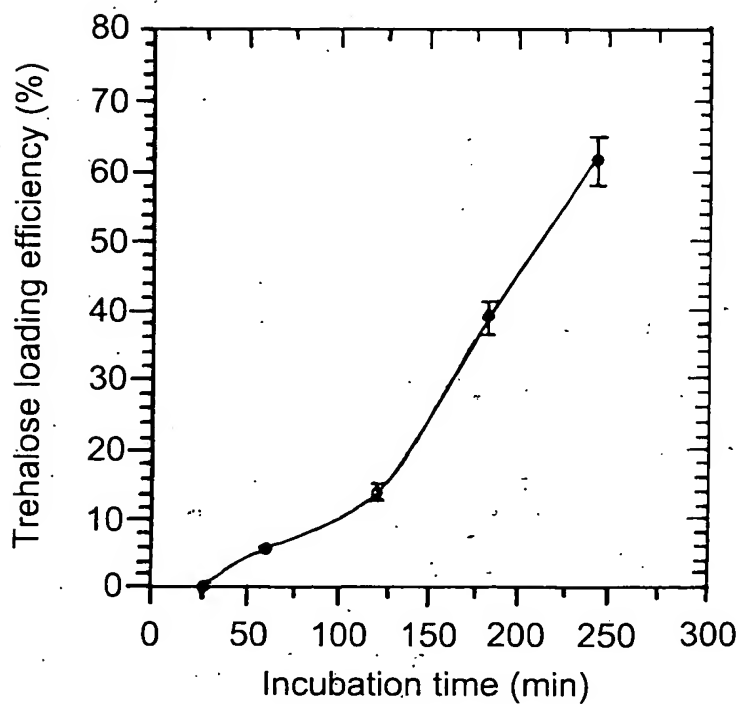
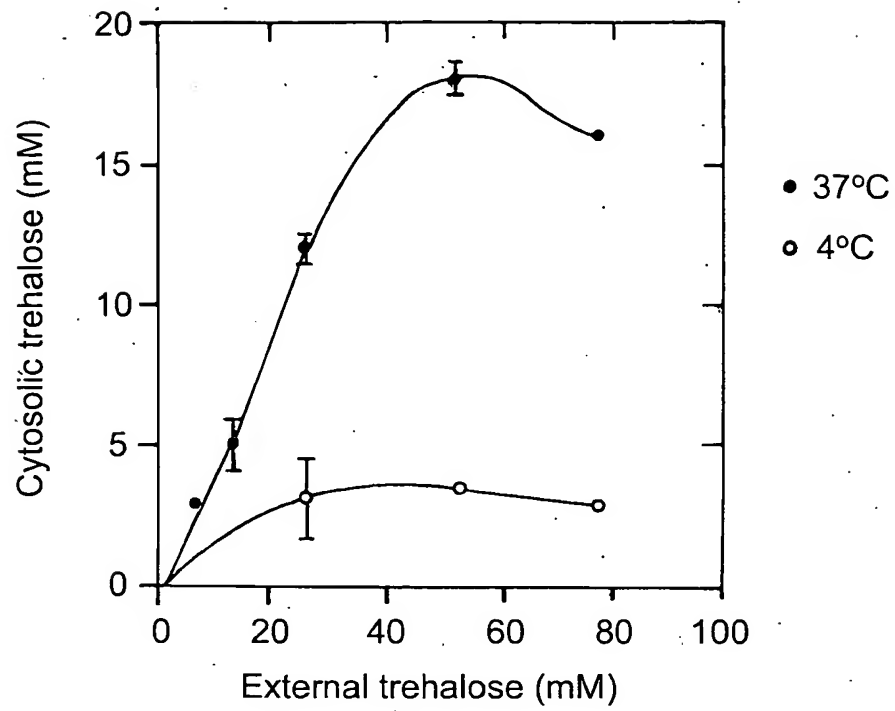
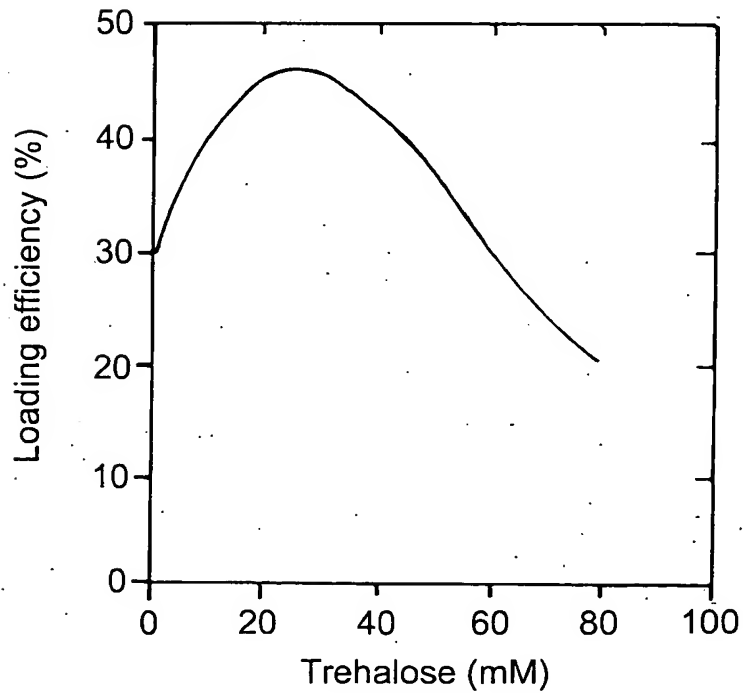
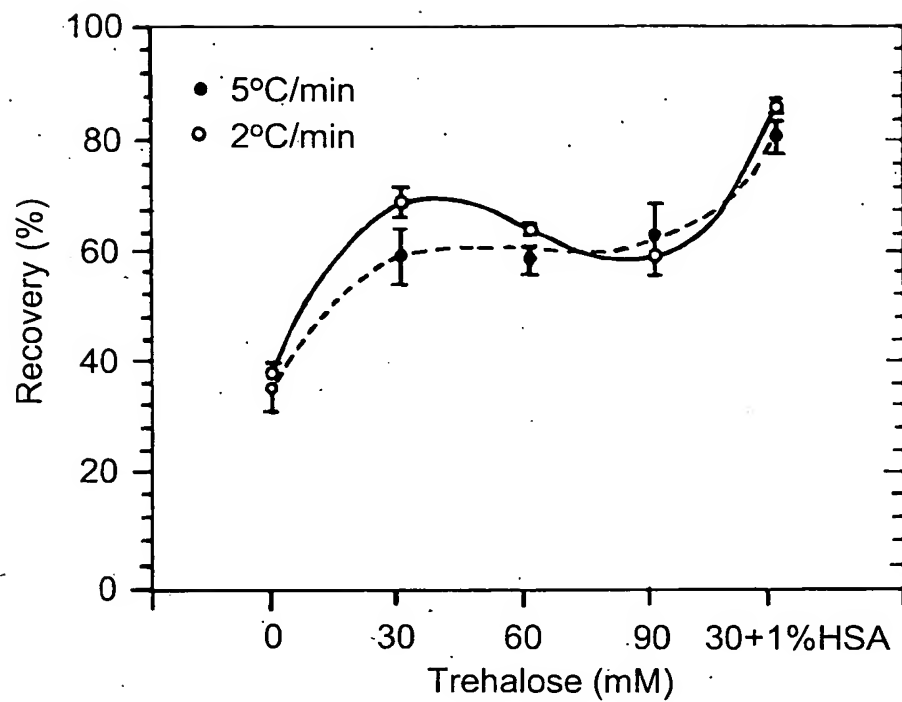
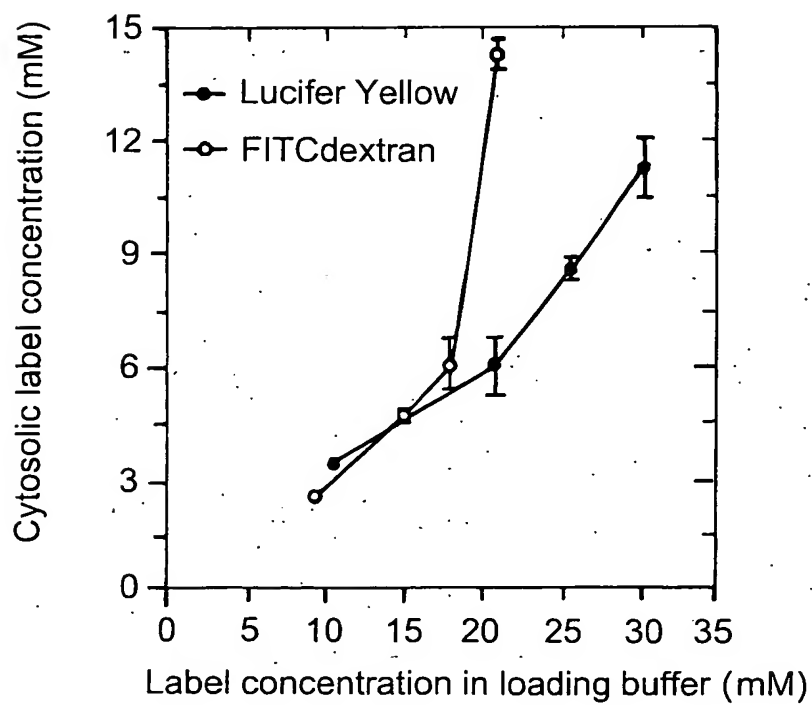


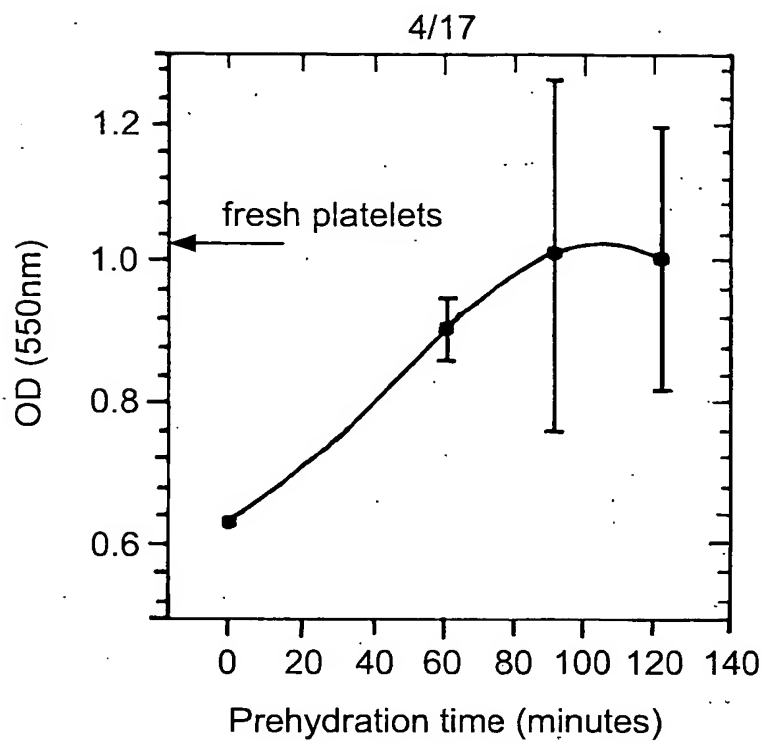
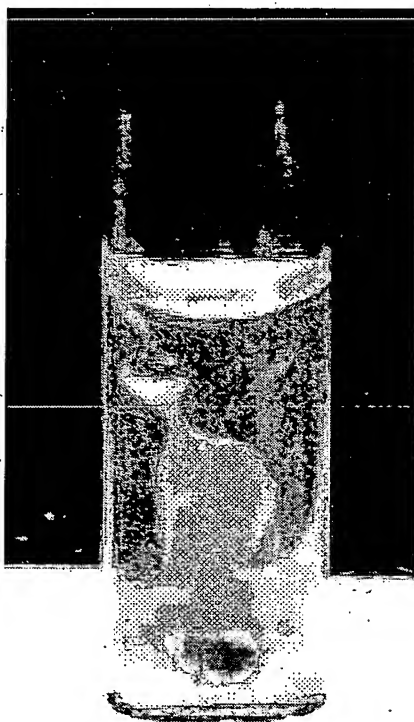
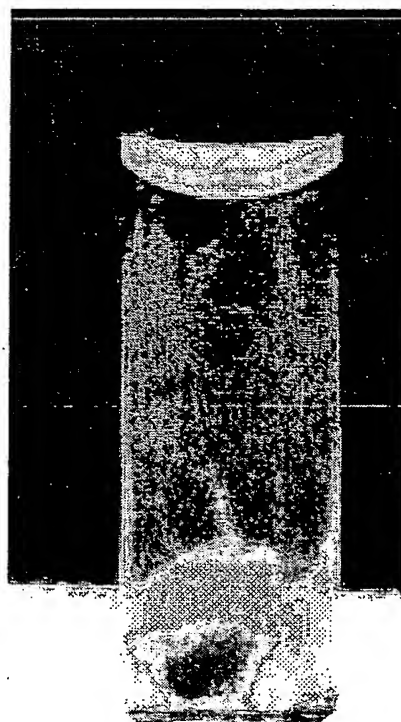
FIG. 2

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**FIG. 3****FIG. 4**

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**FIG. 5****FIG. 6**

**FIG. 7****FIG. 8A**
(PRIOR ART)**FIG. 8B**

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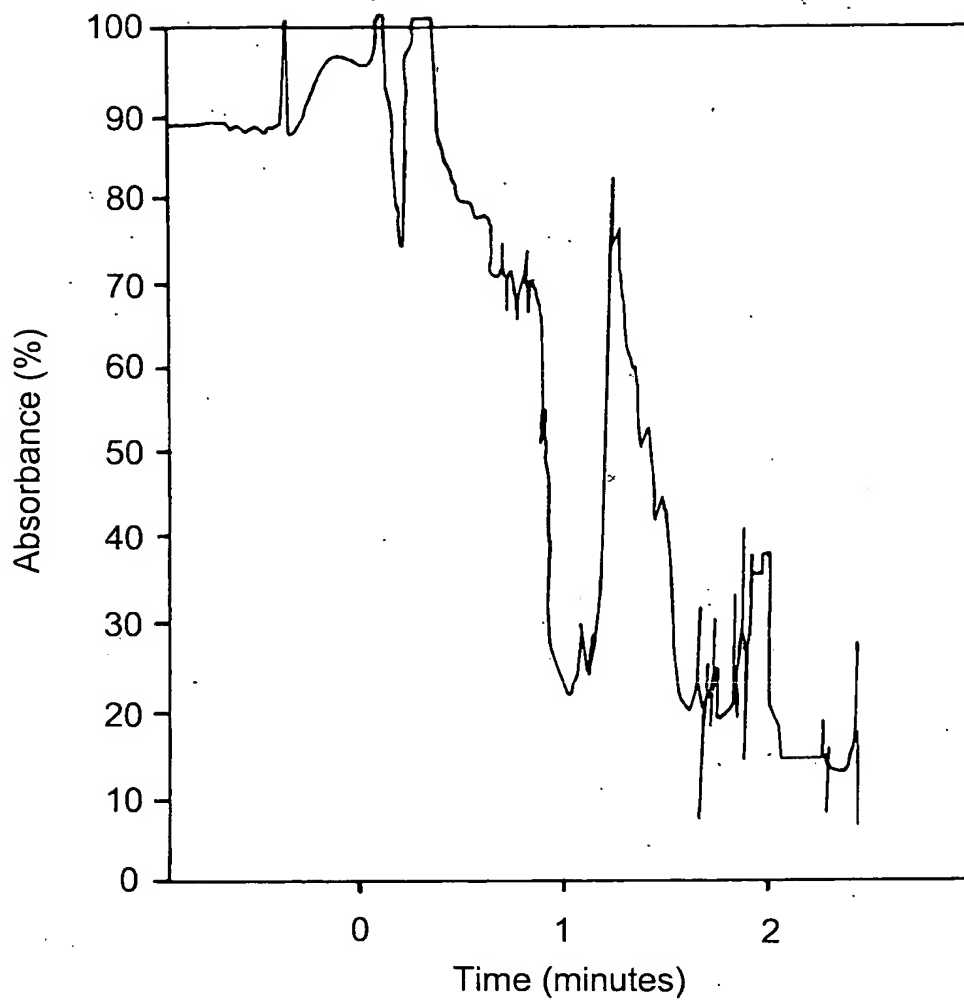


FIG. 9

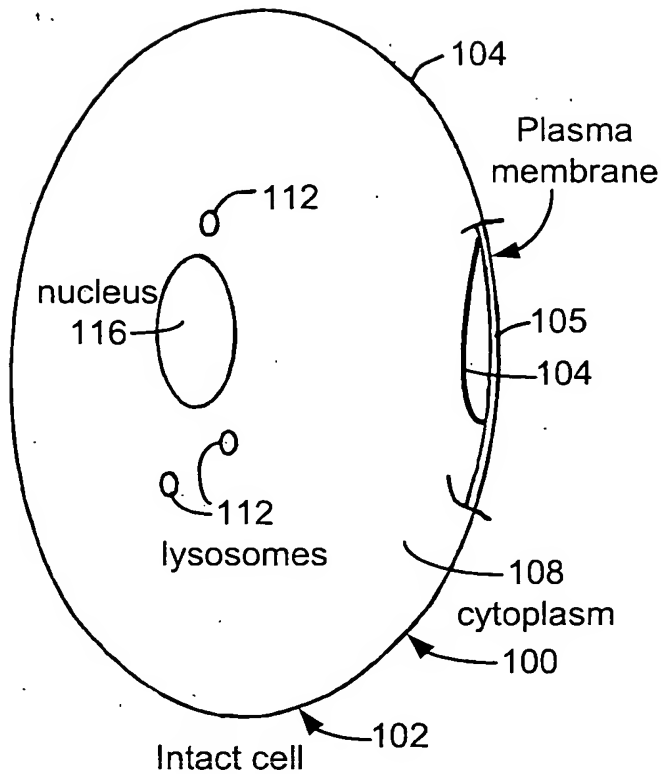


FIG. 10

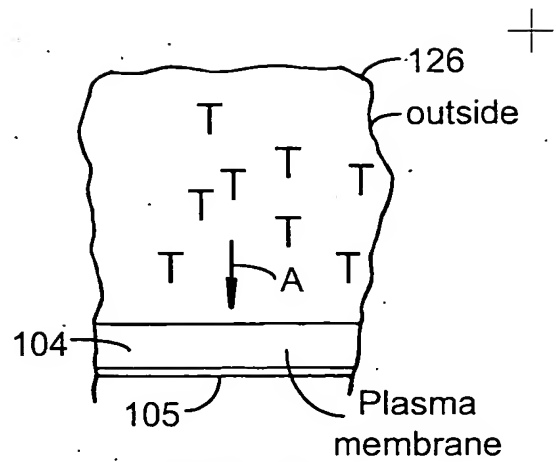


FIG. 11

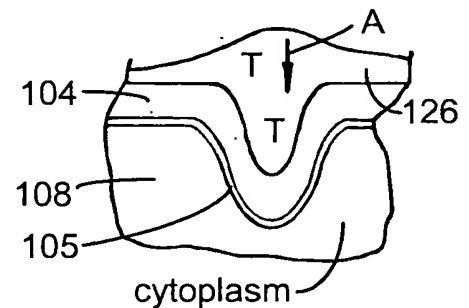


FIG. 12

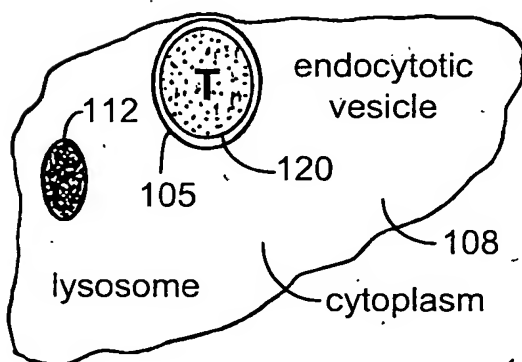


FIG. 14

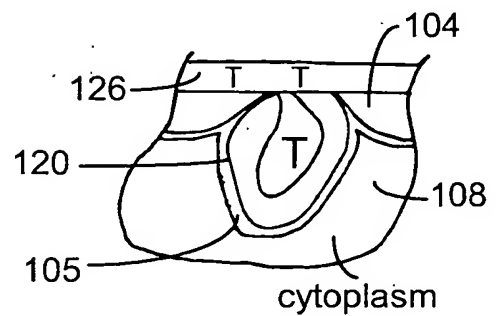


FIG. 13

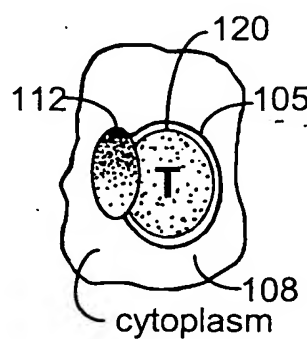


FIG. 15

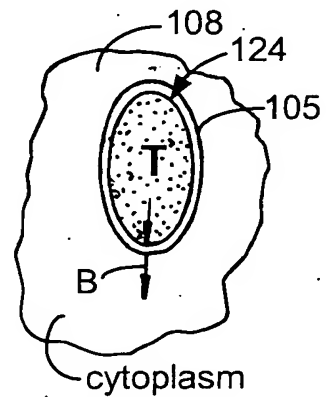


FIG. 16

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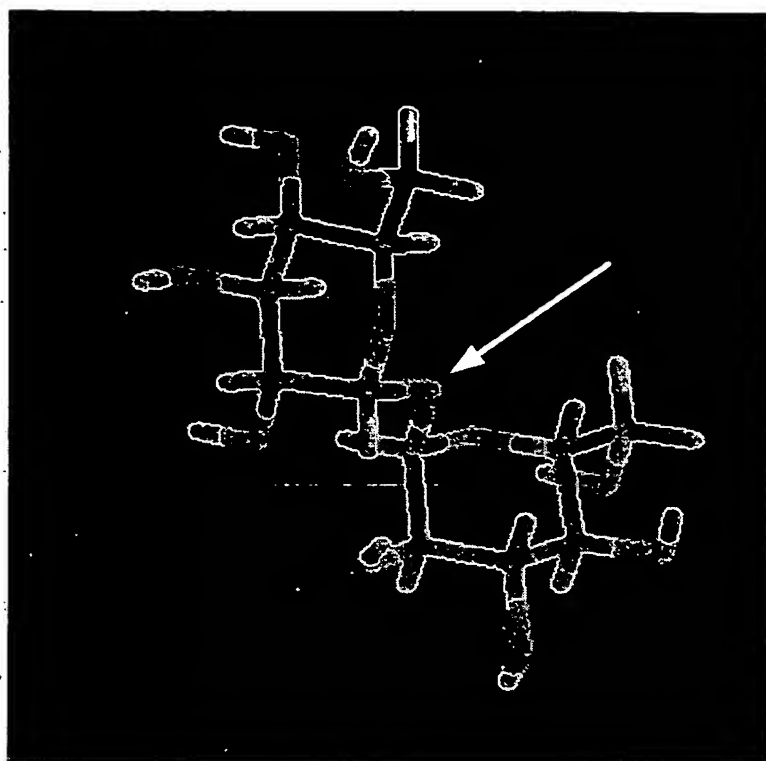


FIG. 17

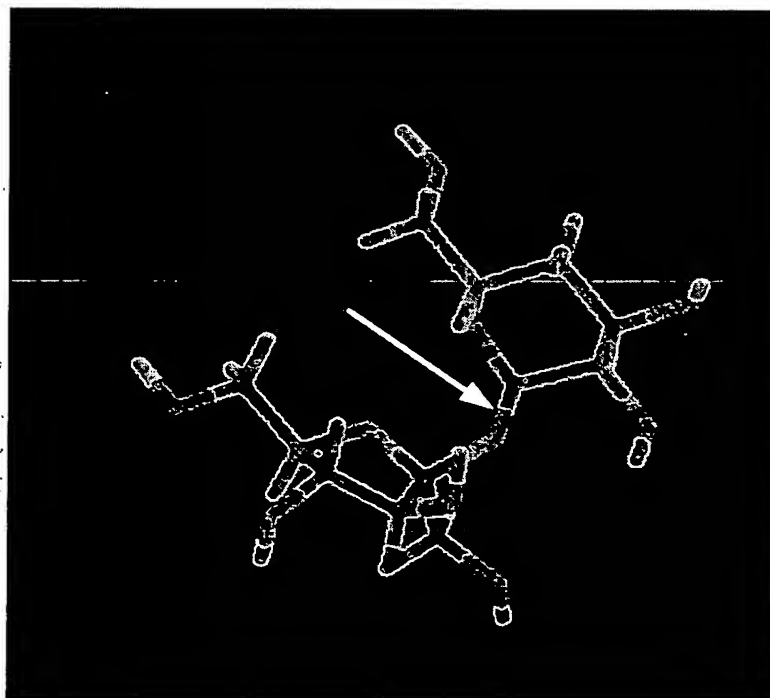
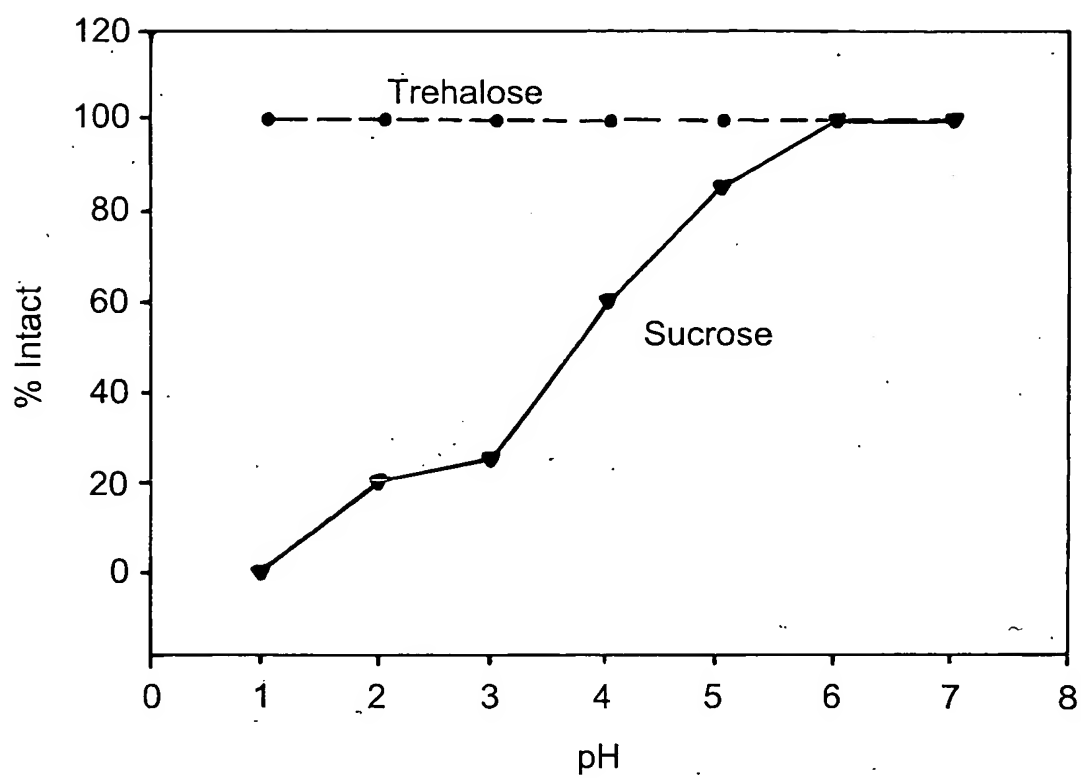
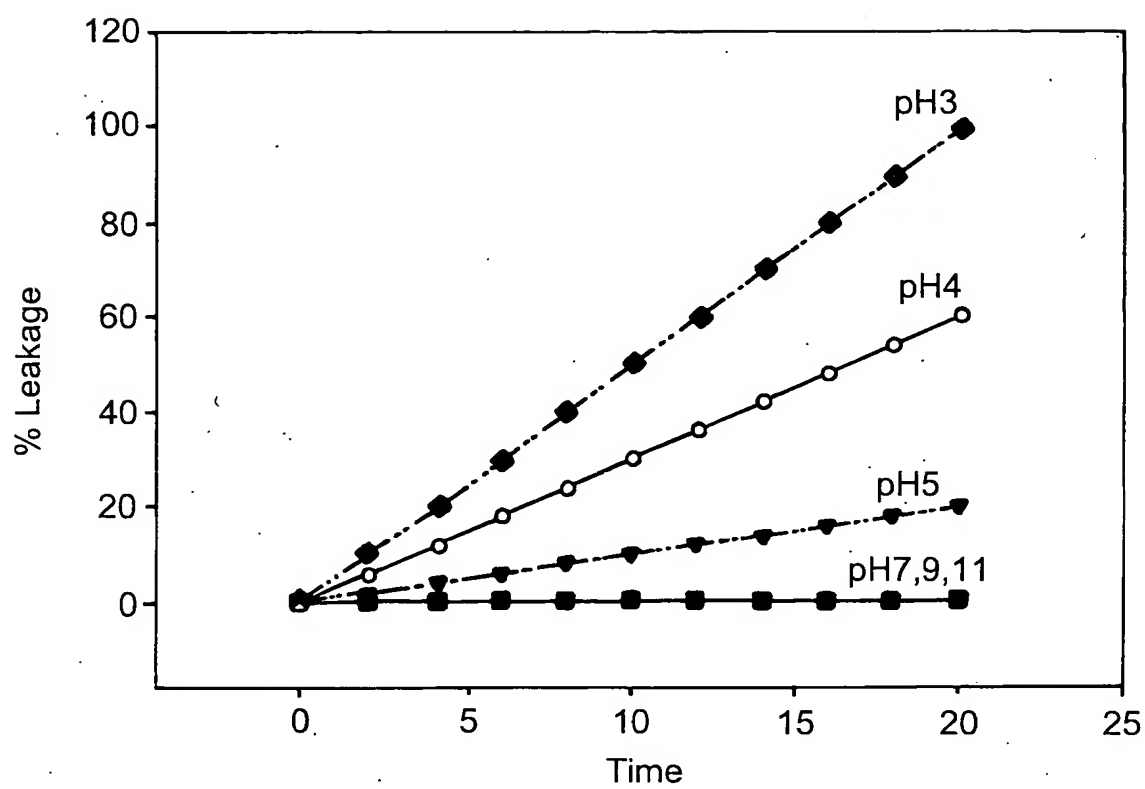


FIG. 18

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**FIG. 19**

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**FIG. 20**

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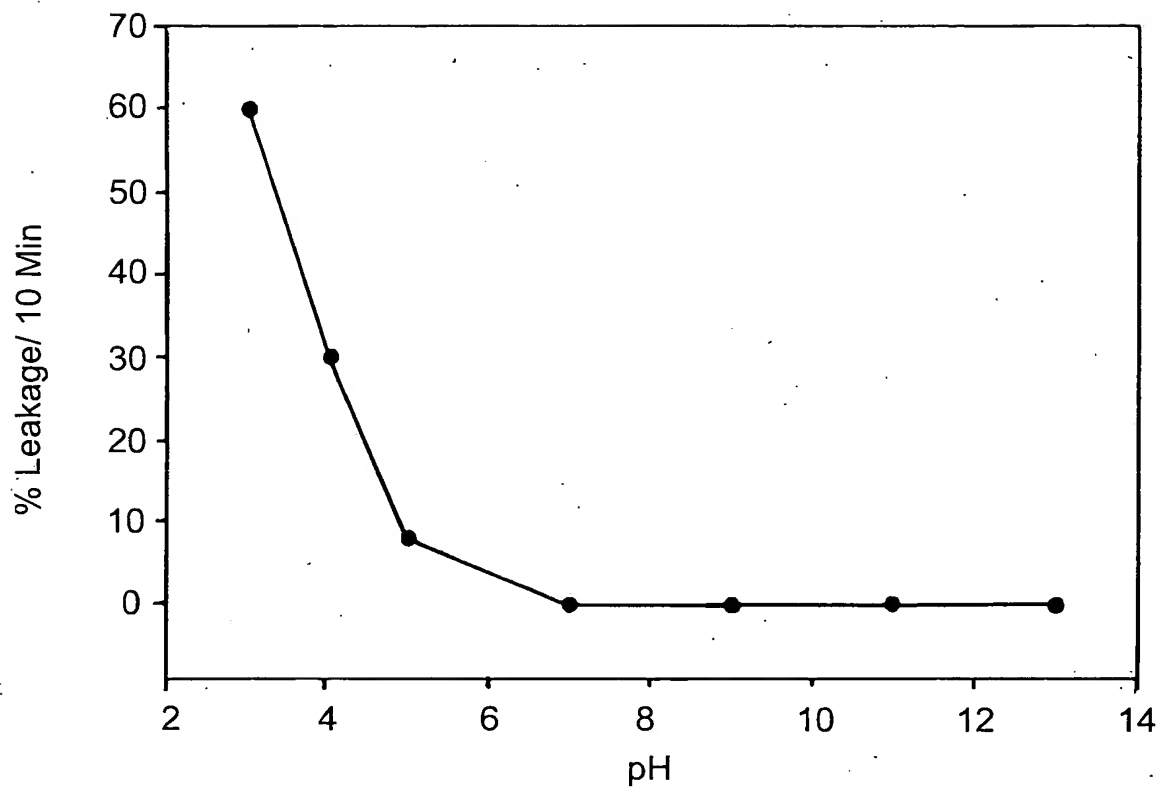


FIG. 21

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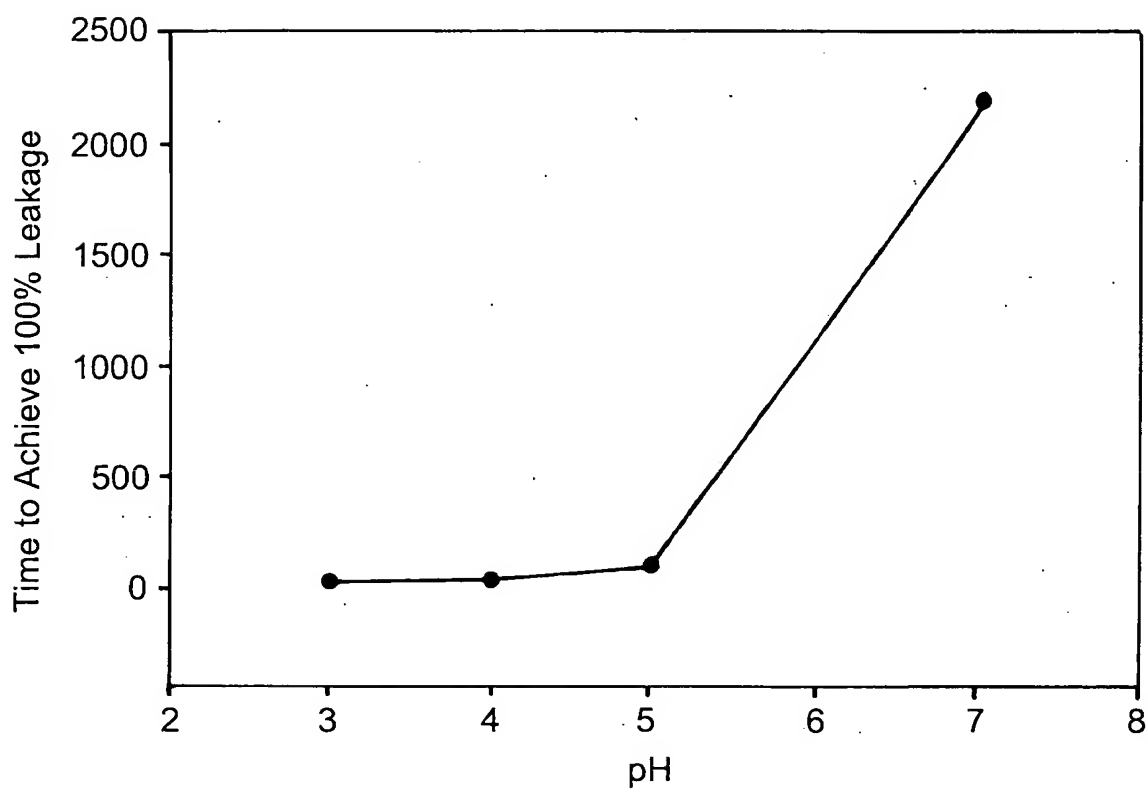
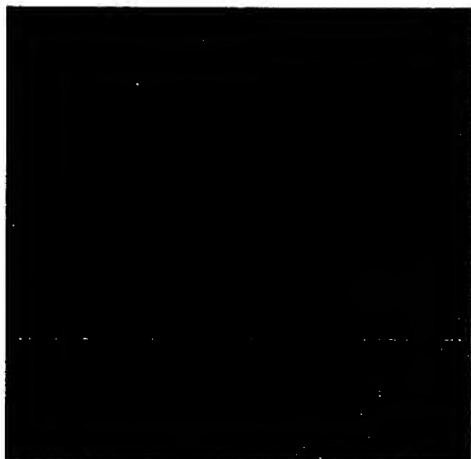


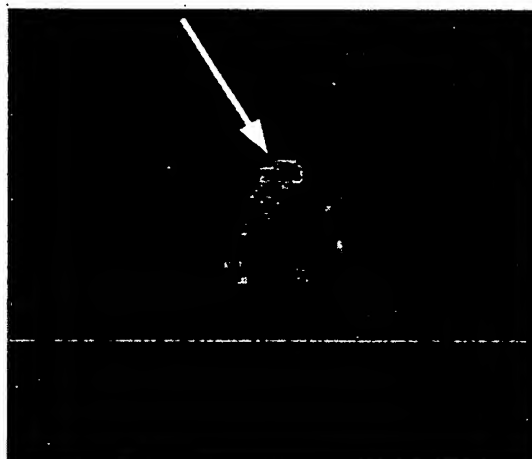
FIG. 22

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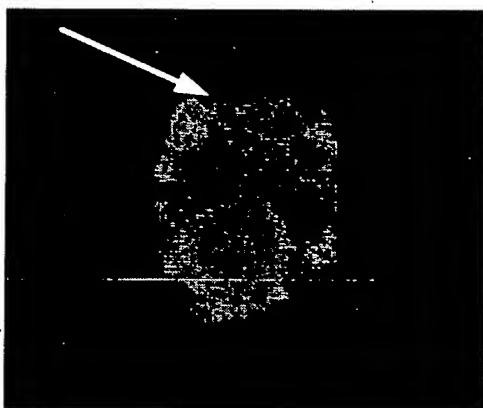
0 hrs (control)

FIG. 23



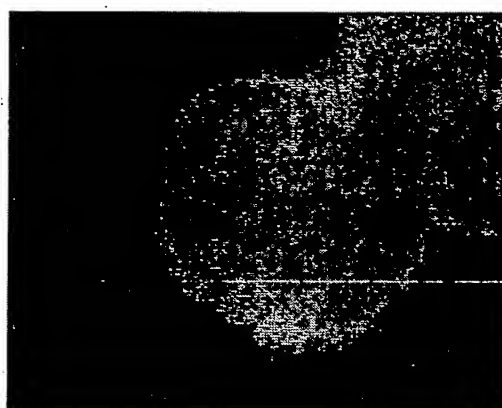
1 hr

FIG. 24



3.5 hrs

FIG. 25

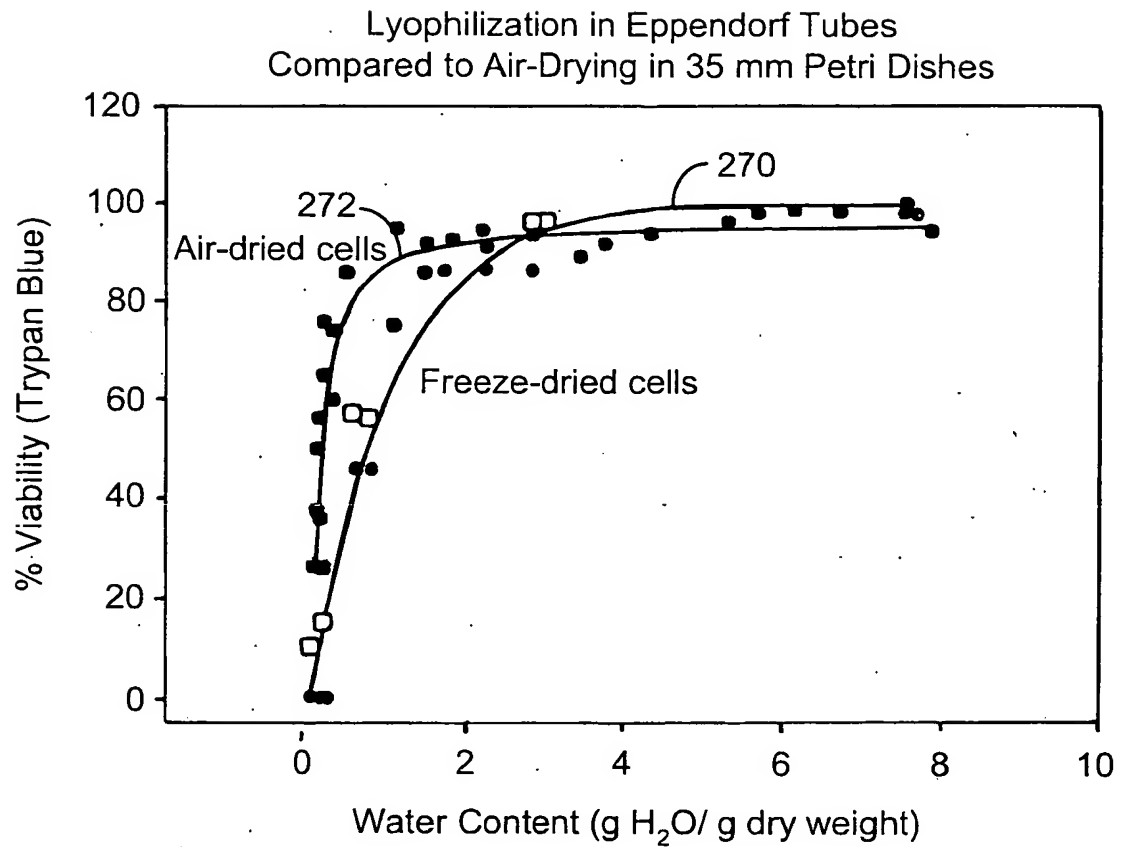


5 hrs

FIG. 26



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**FIG. 27**

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FIG. 28

Control:
LYCH for 5 h; No DMSO



FIG. 29

LYCH for 5 h;
DMSO for final 30 min

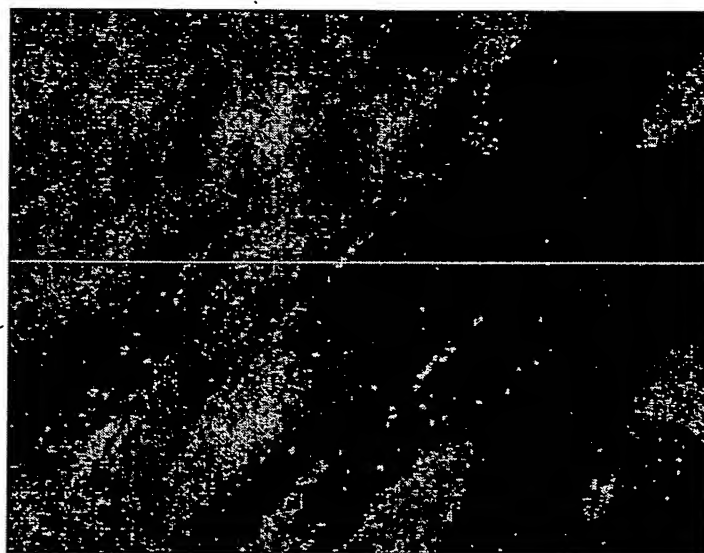
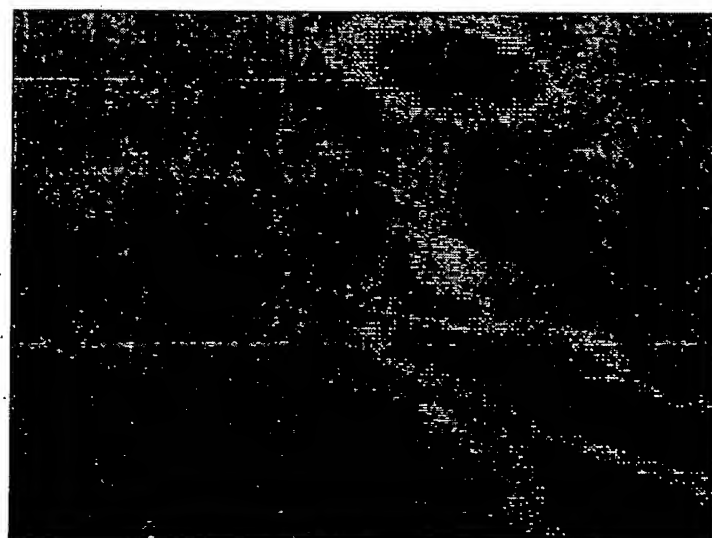


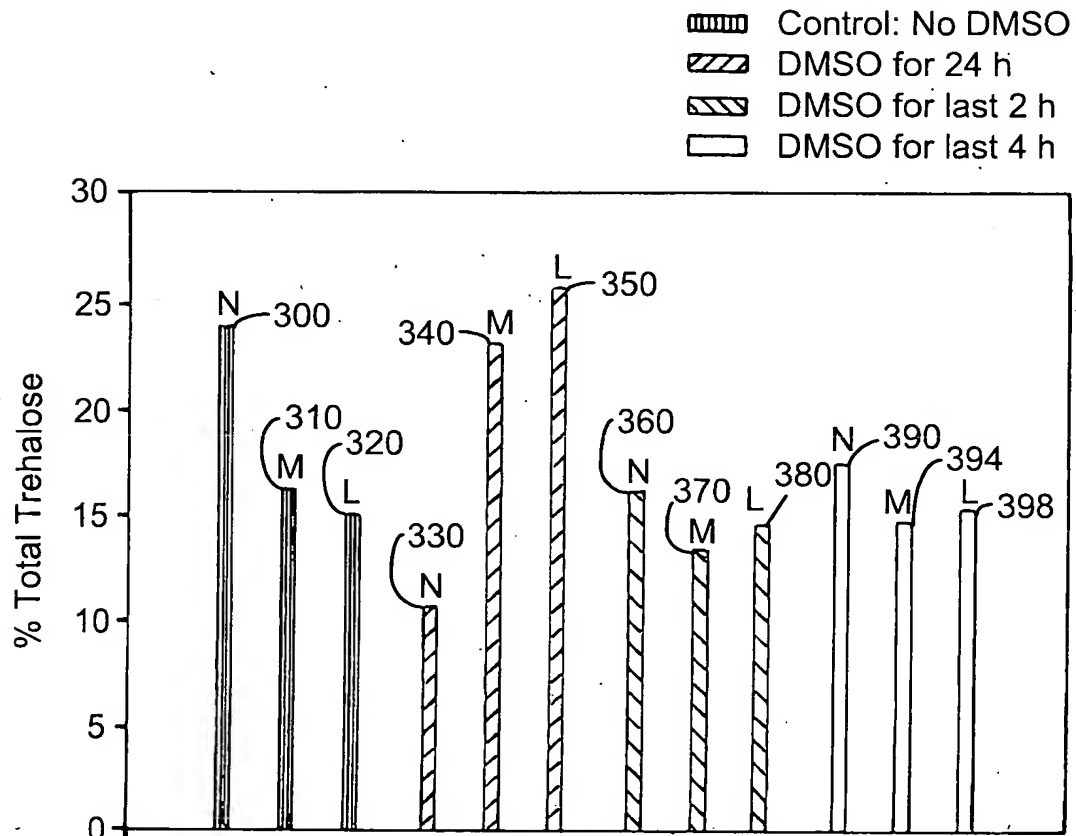
FIG. 30

Continuous Loading:
5 h LYCH & DMSO



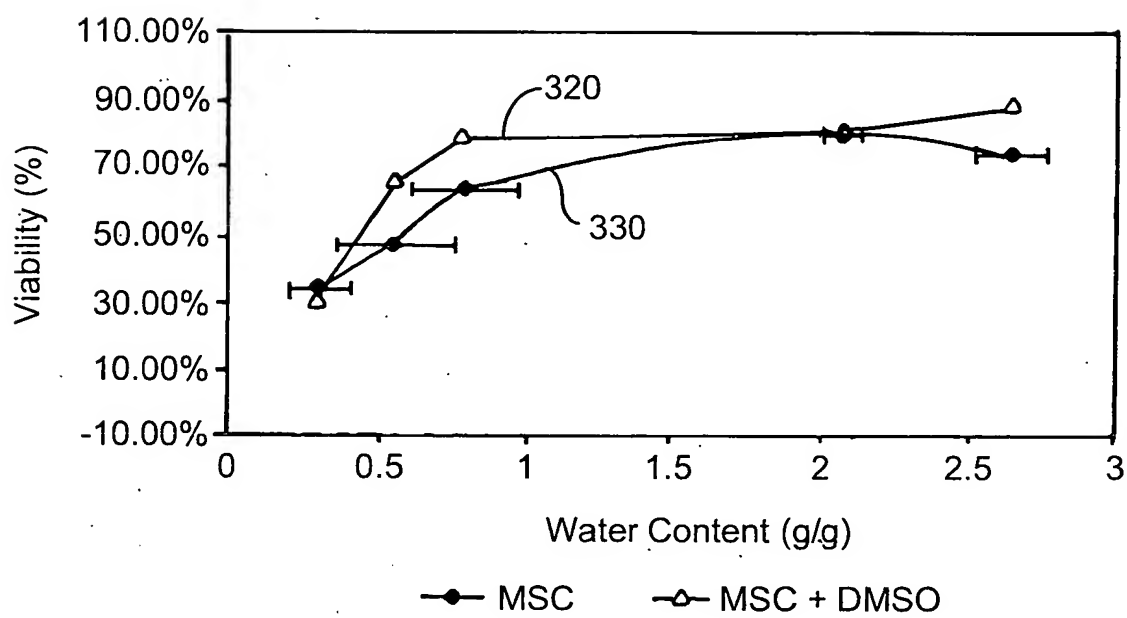
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Cell Fractionation After Trehalose Loading +/- DMSO

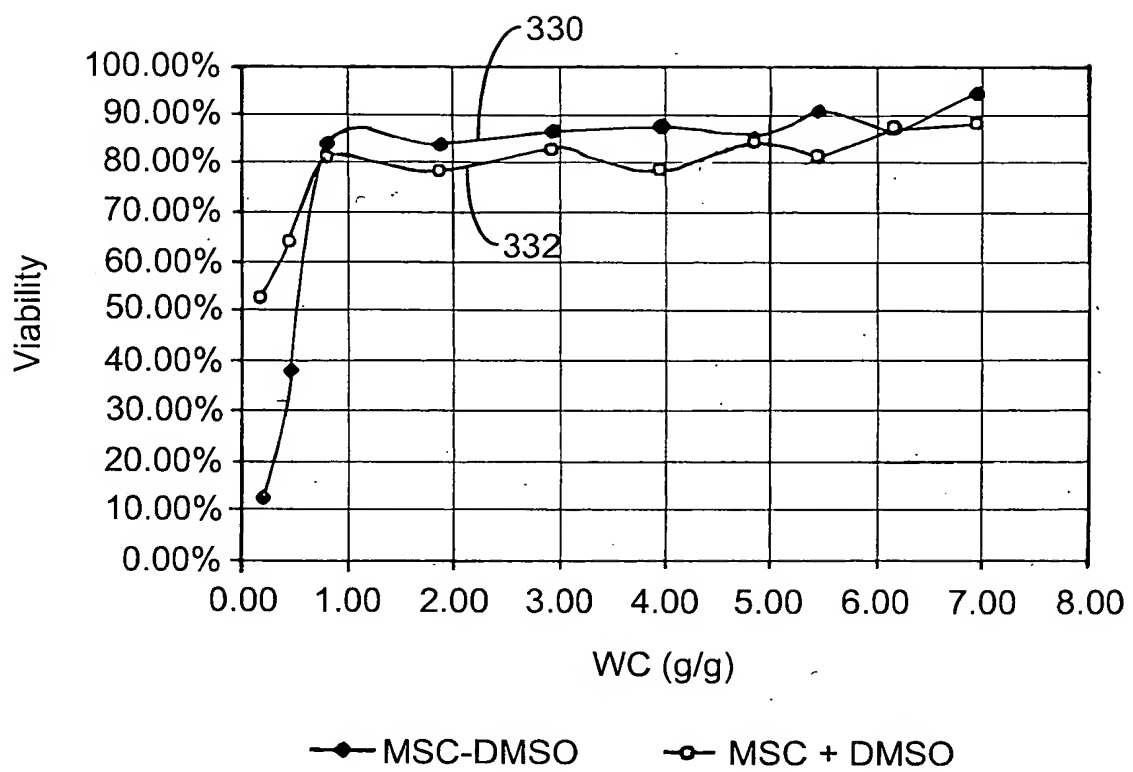
**FIG. 31**

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Viability (%) vs Water Content (g/g)

**FIG. 32**

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**FIG. 33**